

**REMARKS**

The Office Action mailed on March 28, 2005, has been carefully reviewed and the foregoing amendments and following remarks are offered in response thereto. Applicant respectfully requests favorable reconsideration of this application, as amended.

In response to the rejection under 35 U.S.C. § 101, Claims 1–12 have been canceled without prejudice or disclaimer. Claims 13–34 have been added. Independent Claim 13 is directed to a method for testing functionality of a printed circuit board, while independent Claim 24 is directed to a machine readable medium storing instructions to implement a method for testing functionality of a printed circuit board. Claims 13 and 24 recite, *inter alia*, providing, to the printed circuit board, a plurality of test input signals to simulate printing press control signals, monitoring responses of a plurality of simulated printing press loads driven by a plurality of printed circuit board output signals developed in response to the plurality of test input signals, and analyzing the functionality of the printed circuit board based on the monitored responses of the plurality of simulated printing press loads. Applicant submits that none of the prior art of record, taken either singly or in combination, teaches or suggests these features.

Accordingly, Applicant respectfully requests that this application now be passed to issue, and a Notice of Allowance is respectfully solicited.

If any extension of time is required in connection with the filing of this paper and has not been requested separately, such extension is hereby requested. The Commissioner is hereby authorized to charge any fees and to credit any overpayments that may be required by this paper under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account No. 02-2135.

Respectfully submitted,

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